

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(\text{lepton}, \text{jet})$ (ATLAS for leptoquark search)

0.25

0.2

0.15

0.1

0.05

0



ATLAS



Pythia 6.428 370



Pythia 6.428 378



Pythia 6.428 379

2

1

0.5

0

1

2

3

Ratio to ATLAS

(ATLAS_2019_I171872)

Rivet 4.1.0, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

3